



DEPARTMENT OF THE ARMY  
U.S. ARMY INSTALLATION MANAGEMENT COMMAND  
U.S. ARMY GARRISON ABERDEEN PROVING GROUND  
BUILDING 4510, 6429 BOOTHBY HILL AVENUE  
ABERDEEN PROVING GROUND MARYLAND 21005-5001

DEC 18 2019

Directorate of Public Works

Ms. Martha Hynson  
Field Operations and Project Division  
Solid Waste Program  
Maryland Department of Environment  
1800 Washington Boulevard, Suite 605  
Baltimore, Maryland 21230-1719

Dear Ms. Hynson:

Aberdeen Proving Ground is herewith submitting a permit renewal application for the capped Phillips Army Airfield Rubble Landfill, Permit #2014-GWD-3049, with an expiration of February 2, 2020 (Encl 1). Also included is the Verification of Worker's Compensation Coverage (Encl 2) and a copy of the 2019 Groundwater and Methane Gas Monitoring report (Encl 3). The report contains 2019 monitoring data, historical data for the past 10 years, maps of the facility, and the latest Groundwater Sample results.

The Environmental Compliance Division submitted the 2019 Groundwater Monitoring Report for the landfill to the Maryland Department of the Environment and Harford County in September 2019. The point of contact is Ms. Vickie Venzen at 410-306-2260, [vickie.a.venzen.civ@mail.mil](mailto:vickie.a.venzen.civ@mail.mil).

Sincerely,

A handwritten signature in black ink, appearing to read "V.G. Hobbs", is written over a horizontal line.

Vance G. Hobbs  
Chief, Environmental Branch  
Directorate of Public Works

Enclosures

**MARYLAND DEPARTMENT OF THE ENVIRONMENT**  
Land Management Administration • Solid Waste Program  
1800 Washington Boulevard • Suite 605 • Baltimore Maryland 21230-1719  
410-537-3315 • 800-633-6101 x3315 • [www.mde.maryland.gov](http://www.mde.maryland.gov)

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**Groundwater Discharge Permit Application  
For Unlined Rubble Landfills**

Authority: Title 9, Environment Article, Annotated Code of Maryland, and Code of Maryland Regulations (COMAR) 26.08.04

Application for: ☐ New Permit ☒ Renewal Permit

Existing Permit No. 2014-GWD-3049 Issued Date: 02/03/2015 Expiration Date: 02/02/2020

Applicant's Legal Name: U.S. Army Garrison, Aberdeen Proving Ground, Guillermo Arguero, Chief Waste Management Branch

Applicant's Status: ☐ Individual ☐ Corporation ☒ Government ☐ Other: \_\_\_\_\_

Corporation or Government Federal Tax Identification No.: N/A

Maryland State Department of Assessments and Taxation (SDAT) ID No.: \_\_\_\_\_

Please note that a business/entity must be registered to do business in Maryland before a permit can be issued. The business or entity's information provided in this application must match the information in the SDAT register.

Proof of workers' compensation coverage is required under § 1-202 of the Environment Article. Please provide one of the following:

(1) A copy of a Certificate of Compliance issued by the Maryland Workers' Compensation Commission; or

(2) Workers' Compensation Insurance Policy/Binder Number: Attached (Enclosure 1)

Applicant's Mailing Address: Bldg 4304 Susquehanna Avenue City: Aberdeen Proving Ground (APG) State: MD

Zip Code: 21005-5001

Applicant's Telephone No.: (410) 306 - 2260

Facsimile No.: (410) 306 - 2261

Emergency Contact Name & Title: Vance Hobbs, Chief Environmental Division

Telephone No.: (410) 436 - 4569

Facility/Site Name: The closed Phillips Army Airfield Rubble Landfill

Facility/Site Address: Aberdeen Area Aberdeen Proving Ground City: Aberdeen Area of APG State: MD Zip Code: 21005

County: Harford

Maryland Grid Coordinates: \_\_\_\_\_

County Zoning Map No.: \_\_\_\_\_

Lot/Parcel No.: \_\_\_\_\_ Deed/Liber/Folio No.: \_\_\_\_\_

State Legislative District: 34A

Local Council/Election District: \_\_\_\_\_

Bay Tributary Watershed Code: 02130801 (Gunpowder) Latitude/Longitude (Deg/Min/Sec): 39 - 28 - 4.0 N / 76 - 09 - 0W

Site Acreage: 17 acres

Landfill Acreage: 6 acres

Nature of Business (describe briefly): US Army testing, evaluation and training activities.

List Other Environmental Permits Held For the Site: (e.g., NPDES-surface water; PSD-air emissions; RCRA-hazardous waste, etc).

None \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Wastewater (Leachate) Description: N/A

Flow Calculations: N/A

Groundwater elevation data was used to determine the direction of groundwater flow. This data indicates a direction of flow to the West - Southwest. (See attached Groundwater Elevation Contour Map)

## Groundwater Characteristics

Latest groundwater sampling results are attached.

## Map Of The Facility

Map is included in the last groundwater and methane monitoring report.

By signing this form, I the applicant or duly authorized representative, do solemnly affirm under the penalties of perjury that the contents of this application are true to the best of my knowledge, information, and belief. I hereby authorize the representatives of the Department to have access to the site of the facility for inspection and to records relating to this application at any reasonable time. I acknowledge that depending on the type of facility applied for, other permits or approvals may be required.



Signature of Applicant

21 October 2019  
Date

Guillermo Arguero  
Applicant's Name (Print)

Chief, Waste Management Branch  
Title

*This Notice is provided pursuant to §10-624 of the State Government Article of the Maryland Code. The personal information requested on this form is intended to be used in processing your application. Failure to provide the information requested may result in your application not being processed. You have the right to inspect, amend, or correct this form. The Maryland Department of the Environment ("MDE") is a public agency and subject to the Maryland Public Information Act. This form may be made available on the Internet via MDE's website and is subject to inspection or copying, in whole or in part, by the public and other governmental agencies, if not protected by Federal or State law.*

*Privacy Act Notice: This Notice is provided pursuant to the Federal Privacy Act of 1974, 5 U.S.C. §552.a. Disclosure of your Social Security Number or Federal Employer Identification Number on this application is mandatory pursuant to the provisions of §1-203 (2003), Environment Article, Annotated Code of Maryland, which requires the MDE to verify that an applicant for a permit has paid all undisputed taxes and unemployment insurance. Social Security or Federal Employer Identification Numbers will not be used for any purposes other than those described in this Notice.*

## Instructions for Completing the Groundwater Discharge Permit Application For Unlined Rubble Landfills

### INTRODUCTION

Section 9-322 of the Environment Article, Annotated Code of Maryland, requires that a permit be obtained to discharge any pollutant into surface or ground waters of the State. "Discharge" means the addition, introduction, leaking, spilling, or emitting of any pollutant to State waters or the placing of any pollutant in a location where it is likely to pollute. Unlined rubble landfills are required by the Department to obtain a Groundwater Discharge Permit.

You are required to supply information concerning the quality of rainwater percolating through the rubble landfill cell floor. The Department will evaluate your completed application and notify you of any additional requirements if necessary.

### WASTEWATER (LEACHATE) DESCRIPTION

Provide a description of the process(es) generating the wastewater (leachate) discharge through the landfill cell floor.

### **FLOW CALCULATIONS**

Determine the daily average volume of wastewater (leachate) discharged through the landfill cell floor. The volume must be reported in gallons per day.

### **GROUNDWATER CHARACTERISTICS**

Attach a list of the parameters being sampled in the groundwater, their Practical Quantitation Limits (PQL), and a copy of the latest laboratory analysis report for these parameters. Groundwater samples must be representative of the quality of the groundwater at the facility. Sample collection, transportation, storage and analysis shall be performed in accordance with a plan approved by the Department. The Department reserves the right to require additional groundwater sampling and analysis if necessary.

**For questions regarding this application, please contact the Department at (410) 537-3315.**



DEPARTMENT OF THE ARMY  
U.S. ARMY ABERDEEN PROVING GROUND  
ABERDEEN PROVING GROUND, MARYLAND 21005-5001  
8 August 1998

REPLY TO  
ATTENTION OF

Maryland Department of the Environment  
2500 Broening Highway  
Baltimore, Maryland 21224

Dear Mr. Alhija,

Civilian employees of the Federal Government are covered under Title 20, Parts 1 to 25 of the Code of Federal Regulations for workers' compensation. This falls under the purview of the U.S. Department of Labor, Employment Standards Administration, Office of Workers' Compensation Programs. The Federal Employees' Compensation Act applies to all civilian employees.

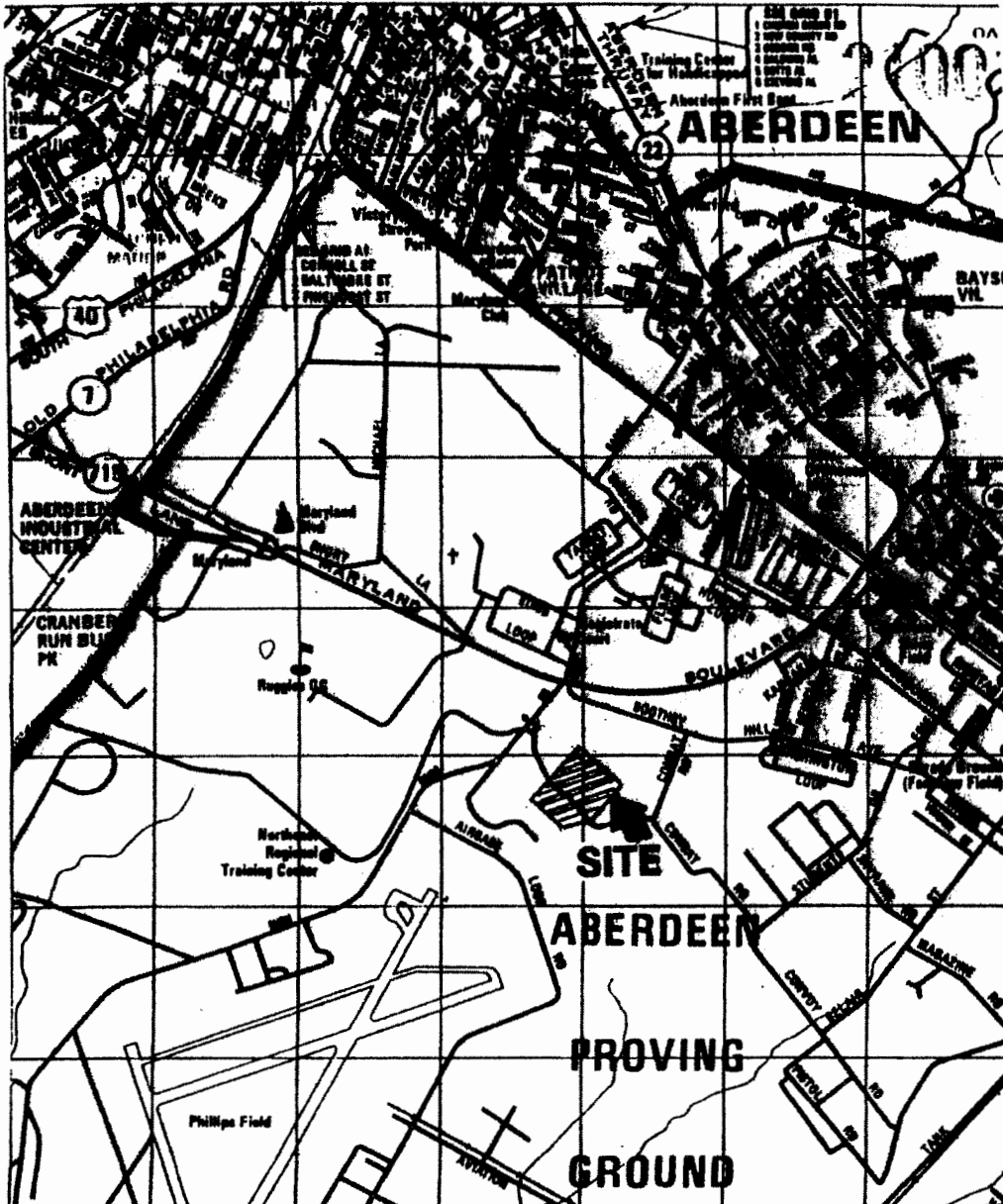
Contractor personnel are not covered under this regulation, however, and will require proof of certification as you require when working under this contract.


If you have further concerns or questions, please feel free to contact ~~me~~ at 410-306-1057.2277

INDRA BATRA

Sincerely,

Rachel S. Ashby  
FECA Program Manager




**KCI**  
 TECHNOLOGIES  
 ENGINEERING AND PLANNING  
 10 NORTH PARK DRIVE  
 WEST VALLEY, MD 20780-1001  
 (410) 561-7000

**U.S. ARMY**  
**ABERDEEN PROVING GROUNDS**  
**ABERDEEN, MARYLAND**

**FIGURE - 1.1**

**PHILLIPS ARMY AIRFIELD RUBLE LAND**

**VICINITY MAP**

SCALE: 1"=2,000FT

DATE: 8/99

DRAWN BY: R